

ABSTRACT OF THE DISCLOSURE

1
2
3 Systems, methods and apparatus are provided for
4 equalizing a received multicarrier wireless
5 telecommunications data signal. The wireless signal
6 includes data without accompanying pilot signals, and
7 equalization is accomplished by extracting information from
8 the data, by processing the information in order to obtain
9 equalization indications, and by equalizing the
10 multicarrier wireless telecommunications data signal by
11 modifying indications of the wireless telecommunications
12 data signal using the equalization indications.